

2018 Annual Green Tier Report Summary

Introductory/Background

Phillips-Medisize, LLC (Phillips-Medisize) previously identified as Phillip Plastics Corporation is a leading global outsource provider of design and manufacturing services to the medical device, diagnostics, drug delivery and commercial markets. The company which based in Wisconsin has almost 2,900 employees within Wisconsin and over 5,000 worldwide. We have 16 separate buildings operating in 6 communities across the state of Wisconsin with diverse operations in the fields of medical devices, automotive, military and consumer related products. All primary production facilities are certified to the ISO 14001: 2015 standard via BSI, and Phillips-Medisize has a corporate certification for the US operations (*BSI Certification: EMS 93521*). In late 2016, Phillips-Medisize was purchased by Molex.

Acceptance Date

The following table provides a summary of the various locations and their respective Green Tier certificates:

GREEN TIER CERTIFICATES

Facility	Facility Address	Town	Tier I or II	Certificate #	Issue Date
PM - NR	705 Wisconsin Drive	New Richmond	I	T1-2008-17	04/21/08
PM	415 Red Cedar	Menomonie	I	T1-2008-22	08/14/08
PM - TD	409 Tech. Drive	Menomonie	I	T1-2008-22	08/14/08
PM - Origen	428 Tech. Drive	Menomonie	I	T1-2008-22	08/14/08
MIM	422 Tech. Drive	Menomonie	I	T1-2008-23	08/14/08
PMEC	1233 International Drive	Eau Claire	I	T1-2008-25	10/30/08
PAF	939 South Whelen	Medford	I	T1-2009-29	04/01/09
Custom I	One Plastics Drive	Phillips	I	T1-2009-31A	08/13/09
Custom II	1156 S. Airport Road	Phillips	I	T1-2009-31B	08/14/09
MAG	2930 Mondovi Road	Eau Claire	I	T1-2009-33	10/09/09
OPS/LSR	3449 Sky Park Blvd.	Eau Claire	I	T1-2012-64	12/07/12
GID	1201 Hanley Road	Hudson	I	T1-2013-69	10/10/13

Reason for Participation and Report

Phillips-Medisize has a long history of environmental stewardship. We chose to participate and partner with the Wisconsin Department of Natural Resources through the Wisconsin Green Tier Program to

celebrate our successes in environmental protection and to demonstrate our commitment to environmental excellence with superior environmental performance.

EMS

Phillips-Medisize has been certified to the EMS ISO14001 standards since 2001. Using the acronym “**FACE**”; Phillips-Medisize aligned the ideas of the corporation to support the efforts of our people by: **F**ollowing laws, **A**voiding pollution, **C**ontinuous improvement and to have respect for our **E**nvironment. This education process has generated many different ideas and methods to improve our environmental performance in meeting our goals of environmental protection.

We conduct internal audits of our EMS and environmental compliance systems to ensure conformance and compliance at each respective plant. Facilities are sampled by an independent auditing organization (BSI) to maintain our certification. Each facility performs routine management reviews and at least on an annual basis the corporation performs a comprehensive rollup management review.



Last Audit with Documentation

External Audit:

The external audit evaluation of our EMS was performed by a third-party auditing firm (BSI) during multiple audits in 2018. These audits were considered surveillance audits of our EMS system of the corporation, Hudson, Menomonie and Eau Claire facilities, and one audit was to expand the scope of the certification to include an additional facility located in Hudson, WI. Non-conformities (minor) were identified during the audits and corrective actions were submitted for the respective audited locations. The corrective action plan was reviewed and approved by BSI. Internal audits were performed for all respective facilities in 2018.

Objectives and Targets

Our corporate EMS objectives were revised and identified under the following topic categories:

Topic	Objective	Target
Waste Reduction	Solid – Reduce/Reuse/Repurpose solid/landfill waste by 10% per net sales by CY2020*. Maintain “Net Zero – Waste-To-Energy” process to offset all company generate landfill waste volumes. Hazardous – Reduce hazardous waste by 10% per net sales by CY2020* Universal – Track/monitor and audit various universal wastes and seek methods to reduce waste volumes	Each facility will evaluate various elements associated with the generation of wastes and energy/water usage. The facilities will then develop/implement effective target(s) with specific action plans/projects to reduce wastes and energy costs while improving overall recycling and energy/water awareness for the fiscal year and maintain Green Tier status.
Energy Reduction	Reduce energy consumption per net sales by 10% by the end of CY2020 via energy reduction projects*	
Water Reduction	Track both city and well water usage to compare yearly consumption. Address facility projects that can impact consumption.	
Involvement	Post monthly metrics that track respective facility data and provide quarterly EMS/Environmental information regarding awareness activities to inform personnel. Solicit new ideas via continuous improvement process and sponsor environmental activities/outreach for employee/community involvement.	
Wisconsin Green Tier	Maintain Green Tier status and provide an annual performance report	

*note – utilizing 2015 as baseline

The objectives and targets were revised as we had met the prior goals that were slated to expire in 2015. New 5 year objectives & targets were developed and 2015 data became the new baseline. We are on track to meet all defined objectives and targets.

2018 Improvements

Improvements were made in each functional topic area (Waste Reduction, Energy Reduction, Water Reduction, Involvement and Green Tier). Major accomplishments in 2018 include:

Waste Reduction – Realized reductions in hazardous waste volumes, universal waste streams, general waste streams, investments in equipment to reduce wastes has made improvements for the organization.

Energy Reduction – Energy improvements have been made at various plants pertaining to lighting, chillers, compressors, flow control devices, VFD’s, building management systems, boilers, electric/hybrid presses, resin drying system improvements, reductions in overall usage

programs...etc. One facility even achieved the designation with the US Dept. of Energy as *ISO 50001 Ready*...etc. Aggregated improvements equated to almost \$1M in savings/cost avoidance/incentives.

Water Reduction – We have reduced annual usage of water (both well and city water sources) by 86,777,886 gallons by using innovative closed loop cooling systems, cooling towers, VFD's, chiller systems along with building management systems.

Involvement – We continue to post our environmental metrics and we are involved in various committees or environmental improvement efforts and our employees provide many environmental improvement recommendations.

Wisconsin Green Tier Status – We already have 12 certificates issued by the WI DNR and are looking to add two additional locations in 2019 due to various building expansion projects.

Wisconsin DNR Green Tier Sustainability Metrics

See Wisconsin DNR Green Tier Sustainability Metrics for detailed data.

Conclusions

Participation in the Green Tier program has been a great journey and has helped reinforce Phillips-Medsize's continued improvement through the ongoing participation in ISO 14001: 2015. Phillips-Medsize participation in the Green Tier program has demonstrated to our customers that we are an environmental leader. Our hope is that our involvement in the Green Tier Program will encourage others in the region to become participants.

Looking Forward

In 2019, we are evaluating pursuing the Green Tier Program for our new Oaklawn building in Menomonie and a new building currently under construction in Hudson. We will continue to strive to represent the Green Tier Program with our best effort in environmental stewardship.

WISCONSIN DNR GREEN TIER SUSTAINABILITY METRICS		Period Covered: 2018		
Company Name:	Phillips-Medisize, LLC			
Facility Name:	Entire Corporation			
Address:	3449 Sky Park Blvd.			
City, State, Zip:	Eau Claire, WI 54701			
Environmental Coordinator:	Dan Andersen			
Coordinator Phone:	715/831-5453			
Coordinator E-Mail:	dan.andersen@phillipsmedisize.com			
Metric	Not Collected / Not Available / Not Applicable	Quantity	Units	Period - if not Calendar Year
DEMOGRAPHICS				
Sales		NA	\$	CY
Money saved because of material or process improvements		NA	\$	CY
Profit or Loss	NA	NA	%	
Employees (WI - Company & Contracted)		2,896	#	CY
Multiple between highest paid and lowest paid employee	NA	NA	%	
Alternative Transportation Support	NA	NA	\$ or ?	
Total Purchases (U.S.)		N/A	\$	CY
In-State Purchases (WI)		N/A	\$	CY
% of Purchases Made from Companies that participate in Green Tier or Green Masters:	NA	NA	%	
LAND				
Total Land		182.18	Acres	CY
Paved/Covered Land	NA	NA	Acres or sq. ft.	
ENERGY				
Electricity (kW)		71,549,528	kW	CY
	NA	NA	% reduction	CY
Natural Gas (Therms)		732,693	Therms	CY
	NA	NA	% reduction	CY
Renewable Energy (generated on-site)	NA	NA	% of total use	
Renewable Energy (as a % of utility electricity mix)		25	%	CY
WATER				
Total Water Used (Private & Public)		160,776,294	gallons/year	CY
	NA	NA	% reduction	CY
Source - private well		75.10%	% of total use	CY
Source - public system		24.90%	% of total use	CY
Water Recycled/Reused		1,825,615	gallons/year	CY
		NA	% reduction	CY
Regulated Pollutants Discharged (BOD, TSS, Metals)	NA	NA	lbs/ year	
	NA	NA	% reduction	
AIR				
Total Air Emissions (VOC's)		12,025	lbs/ year	CY
	NA	NA	% reduction	
Ozone-Depleting Substances		NA	lbs/ year	
	NA	NA	% reduction	
FHAP's		4,471	lbs/ year	
	NA	NA	% reduction	
Greenhouse Gas Emissions		NA	lbs/ year	
	NA	NA	% reduction	
WASTE				
Hazardous Waste Disposal		33,754	lbs/ year	CY
	NA	NA	% reduction	CY
Universal Waste Disposal (Universal Wastes, Electronic Wastes & Mercury Wastes (no oil))		5,530	lbs/ year	CY
	NA	NA	% reduction	CY
Used/Waste Oils		115,853	lbs/ year	CY
Oil Absorbents		17,797	lbs/ year	CY
Non-Hazardous Waste Disposal (Landfill Wastes)		776,705	lbs/ year	CY
	NA	NA	% reduction	CY
Material Recycled/ Reused		3,621,587	lbs/ year	CY
	NA	NA	% increase	CY
Recycled/ Reused Content		NA	% of product	
	NA	NA	% of product	
TRANSPORTATION				
Hybrid Vehicles	NA	NA	Each	
Gasoline Used	NA	N/A	Gallons	
Diesel Used - vehicles	5	NA	Gallons	CY
Diesel Used - Generators	4	NA	Gallons	CY
Alternative Fueled Vehicles (CNG, LNG, Fuel Cell, Electric)	NA	NA	#	
ADDITIONAL METRICS				
Please list all other designations/certifications (for example: LEED, Green Globes, Green Masters, Energy Star, ISO 14001):	Green Tier	12	Plant	CY
	ISO Certified	1	Corporation	CY
	Sustainable Business Award	1	Plant	CY
	Green Masters	1	Corporation	CY
	Green Business	3	Plant	CY

